

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ ☒ X \_\_\_\_\_ WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd \_\_\_\_\_

990902 LAD, eff 8-27-99!

DATE FILED **FEBRUARY 17, 1998**

LAND: FEE &amp; PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_

PUBLIC LEASE NO. **U-025963**

INDIAN \_\_\_\_\_

DRILLING APPROVED: **MAY 4, 1998**

SPUDDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: **8-27-99 LAD**FIELD: **WONSITS VALLEY FIELD**

43-D47-33073

UNIT: \_\_\_\_\_

COUNTY: **UINTAH COUNTY**WELL NO. **STAGECOACH 12-23 WG**LOCATION **2123 FSL** FT. FROM (N) (S) LINE, **645 FEL**FT. FROM (E) (W) LINE **NE SE**1/4 — 1/4 SEC. **23**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<b>8S</b>	<b>21E</b>	<b>23</b>	<b>CHEVRON USA PROD.</b>				

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

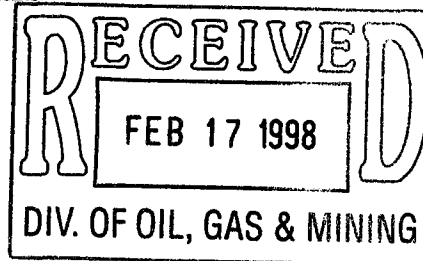
1a. TYPE OF WORK  DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME  Stagecoach
b. TYPE OF WELL  OIL WELL <input type="checkbox"/> GAS-WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO.  12-23 WG
2. NAME OF OPERATOR CHEVRON USA PRODUCTION CO., INC.		9. API WELL NO.
3. ADDRESS AND TELEPHONE NO. 11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (435) 781-4300		10. FIELD AND POOL, OR WILDCAT Wonsits Valley - Wasatch
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2123' FSL, 645' FEL, NE/SE 647 199 At proposed prod. Zone SAME		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 23-T8S-R21E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* ~37.6 MILES FROM VERNAL, UT		12. COUNTY OR PARISH UINTAH
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST 645' PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. Unit line, if any)		13. STATE UTAH
16. NO. OF ACRES IN LEASE 280		17. NO. OF ACRES ASSIGNED TO THIS WELL NA
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, approx. 50' OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4844.6' GL		22. APPROX. DATE WORK WILL START* 3/15/98

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8" K-55	24#	500'	240 SX. CLASS G
7-7/8"	5-1/2" K-55	15.5#	7070'	342 Sx. HI. FILL LEAD, 304 SX. PREMIUM AG TAIL

Chevron proposes to test Wasatch Formation gas potential at the subject location. The proposed well will be drilled from the original wellpad of Stagecoach 12-23, a Green River Formation water injection well which is temporally abandoned. Attachments:

Certified plat  
Self certification statement  
Thirteen point surface use plan  
Eight point drilling plan



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Dr. Conley TITLE Red Wash Asset Team Leader DATE 2-12-98

(This space for Federal or State office use)

PERMIT NO. 43-047-33073 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or constitute an implied or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE 5/4/98

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

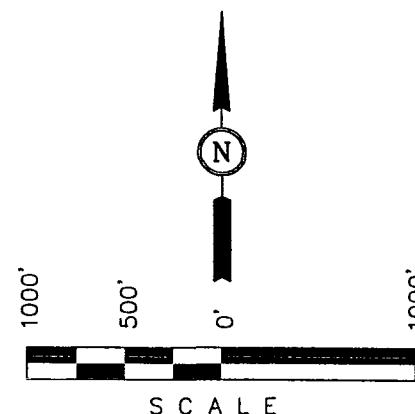
CHEVRON U.S.A., INC.

T8S, R21E, S.L.B.&M.

Well location, STAGECOACH #12-23 WG,  
located as shown in the NE 1/4 SE 1/4  
of Section 23, T8S, R21E, S.L.B.&M. Uintah  
County, Utah.

# BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION  
23, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE,  
QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD.  
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES  
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.  
SAID ELEVATION IS MARKED AS BEING 4903 FEET.



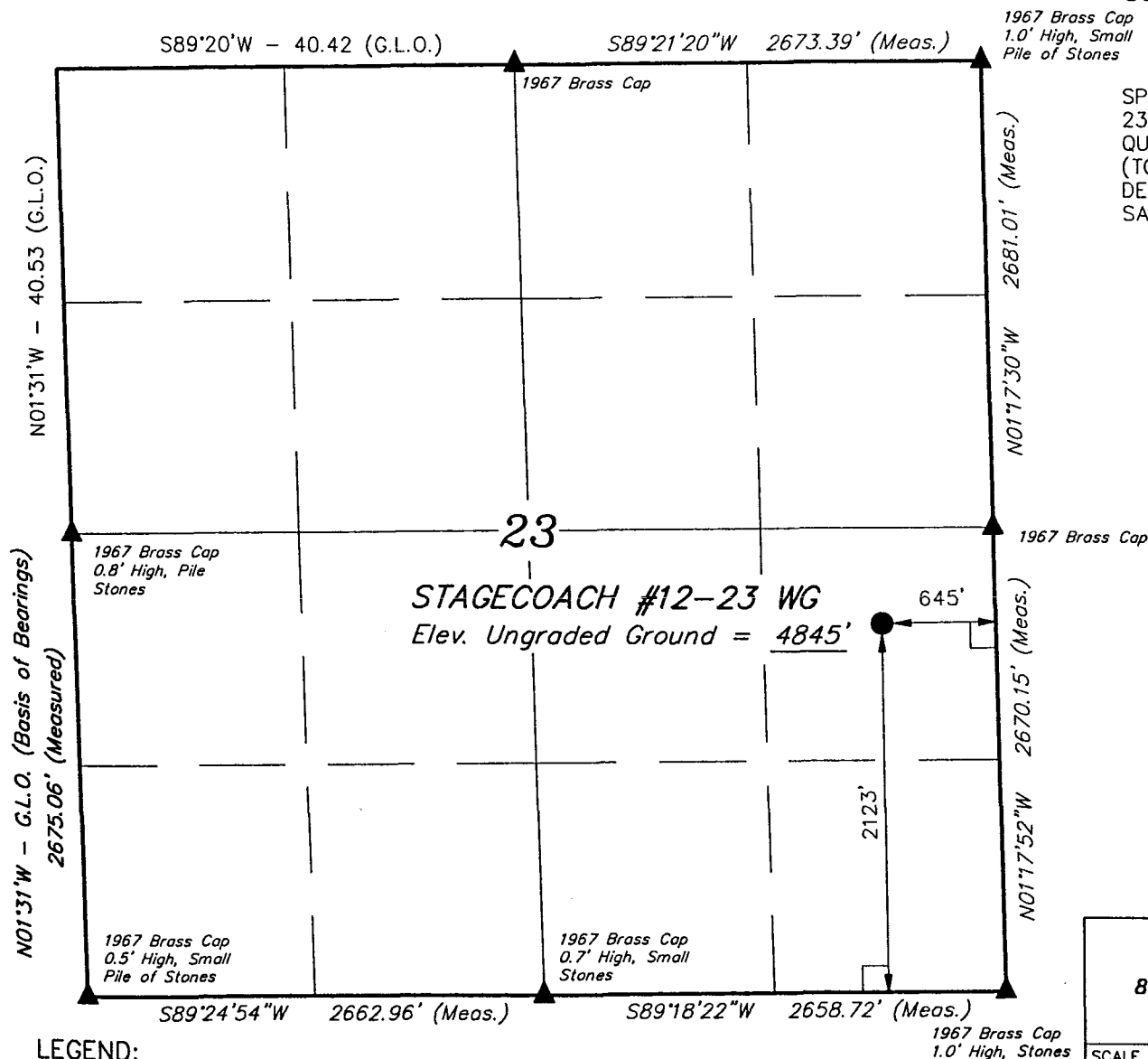
# CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
ROBERT KAY  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-17-98	DATE DRAWN: 01-26-98
PARTY B.B. D.R. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE CHEVRON U.S.A., INC.	



# LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.


United States Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 West  
Vernal, UT 84078

### SELF-CERTIFICATION STATEMENT

Be advised that Chevron USA Production Company is considered to be the operator of Stagecoach 12 -23 WG, NESE-Sec.23-T8S-R21E, Uintah County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by Nationwide Bond #U-89-75-81-34 (Standard Oil Co. of California and its wholly owned subsidiary Chevron USA Production Co., as co-principals) via surety consent as provided for in 43 CFR 3104.2.

Sincerely,

  
\_\_\_\_\_  
J. T. Conley  
Red Wash Area Team Leader

DATE: 2-12-98

**CHEVRON USA PRODUCTION CO.**

**Stagecoach 12-23 WG  
2123' FSL, 645' FEL  
NESE Sec. 23, T8S, R21E  
UINTAH COUNTY, UTAH**

**EIGHT POINT DRILLING PLAN**

**1. ESTIMATED FORMATION TOPS:**

Green River	~2230'
Wasatch	~5615'

**2. ESTIMATED DEPTHS OF TOP AND BOTTOM OF WATER, OIL, GAS, OR  
OTHER MINERAL BEARING FORMATIONS AND PLAN FOR PROTECTION:**

**Deepest Fresh Water:** ~345' from surface

**Oil and Gas:** Oil previously produced from the Green River Formation between 5067' and 5071'; gas expected in the Wasatch Formation between ~6000' and 7060' TD.

**Protection of oil, gas, water, or other mineral bearing formations:**  
Protection shall be accomplished by cementing surface casing and production casing back to the surface or to depths sufficient to isolate required formations. Please refer to casing and cement information for protection plans.

**3. PRESSURE CONTROL EQUIPMENT:**

**For drilling 11" surface hole to 500':** No BOP equipment required.

**For drilling through 8.625" surface casing to TD:**

Maximum anticipated surface pressure is ~1510 psi.

Pressure control equipment shall be in accordance with BLM minimum standards for 2000 psi equipment.

A casing head with an 11", 3000 psi flange will be welded onto the 8.625" surface casing.

BOP stack will consist of a double gate and annular preventer. The double gate will be equipped with pipe rams on bottom and blind rams on top. The choke and kill lines will be connected to outlets between the bottom and top rams, utilizing either the ram body outlet or a drilling spool with side outlets. The BOP stack will be 11" bore, 3000 psi working pressure. The choke and kill lines will be 2" or 3" bore, 3000 psi working pressure.

A rotating head may be used while drilling for control of gas cut mud.

Test procedure and frequency shall be in accordance with BLM minimum standards for 2000 psi equipment.

#### **4. SUPPLEMENTAL DRILLING EQUIPMENT AND CASING INFORMATION:**

**Casing Information: All casing will be new and tested to 1500 PSI**

<b>Casing</b>	<b>Conn.</b>	<b>New/ Used</b>	<b>Stage Tool</b>	<b>Centralizers</b>
8.625"	STC	New	None	10' above shoe, on 1st and 3rd collars
5.5"	STC	New	None	10' above shoe, every other collar to top of pay (~6000')

#### **Cement Information:**

**8.625" Casing:** Oilfield type cement circulated in. Class A or G single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 286 cf (240 sx). Tail plug used. Allowed to set under pressure.

**5.5" Casing:** Lead/tail oilfield type cement circulated in, 50% excess assumed.

Lead slurry - Premium AG250 High Fill Standard mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface using ~ 1305 cf (~342 sx.).

Tail slurry - Premium AG250 + additives as required mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill to ~5500' with 408 cf (304 sx.).

### **Drilling Equipment:**

Surface hole will be drilled and surface casing set with a small rotary surface hole rig.

A rotating head may be used while drilling below surface casing for control of gas cut mud.

### **5. CIRCULATING MEDIUM, MUD TYPE, MINIMUM QUANTITIES OF WEIGHT MATERIAL, AND MONITORING EQUIPMENT:**

Surface hole will be drilled with air, air/mist, foam or mud depending on hole conditions. Drilling below surface casing will be performed with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is  $\pm 10$  ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used during drilling operations.

Gas detector will be used during drilling operations.

### **6. ANTICIPATED TYPE AND AMOUNT OF TESTING, LOGGING, AND CORING:**

**Logging:** Openhole logs for proposed well will overlap and tie with those from the original wellbore, Stagecoach 12-23.

Gamma Ray, Resistivity from TD to 5000'.

MRIL across selected intervals based on indicators from other logs.

Mud logging with 10' samples from 5000' to TD.

#### **Coring:**

None planned.

#### **Testing:**

None planned.

**7. EXPECTED BOTTOM HOLE PRESSURE AND ANY ANTICIPATED ABNORMAL PRESSURE, TEMPERATURES, OR OTHER HAZARDS (H<sub>2</sub>S, STEAM, ETC.) AND ASSOCIATED CONTINGENCY PLANS:**

Near normal pressure gradients are expected in the Wasatch Formation. Some slightly pressured intervals may exist in previous waterflood intervals in the Green River Formation. Other slightly pressured intervals which may be encountered are typically tight and require fracture stimulation to flow.

Maximum expected BHP @ 7070': ~3060 psi  
Maximum expected BHT @ 7070': ~160° F.

Minor amounts of H<sub>2</sub>S may exist in previous waterflood intervals of the Green River Formation.

**8. OTHER:**

No other abnormal hazards are anticipated and no contingency plans are required.

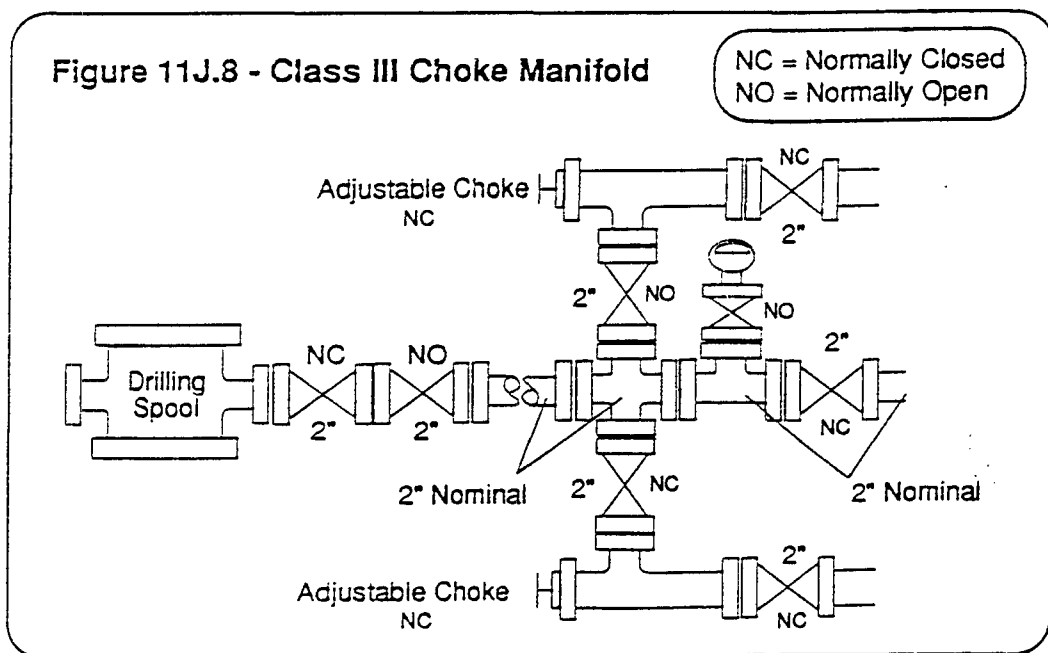


CHEVRON DRILLING REFERENCE SERIES  
VOLUME ELEVEN  
WELL CONTROL AND BLOWOUT PREVENTION

**D. CLASS III CHOKE MANIFOLD**

The Class III choke manifold is suitable for Class III workovers and drilling operations. The Standard Class III choke manifold is shown in Figure 11J.8 below. Specific design features of the Class III manifold include:

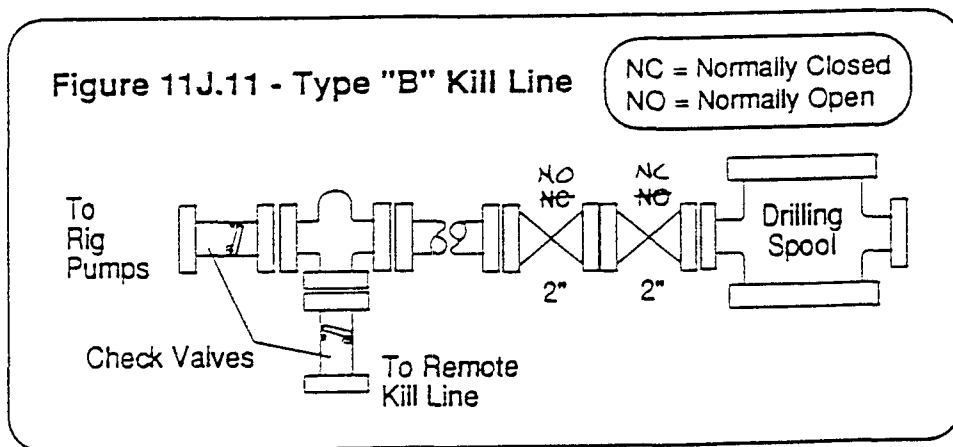
1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
2. The minimum internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).
4. Includes two manually adjustable chokes which are installed on both side of the manifold cross. Steel isolation gate valves are installed between both chokes and the cross, and also downstream of both chokes.
5. Includes a bleed line which runs straight through the cross and is isolated by a steel gate valve.
6. Includes a valve isolated pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.
7. Returns through the choke manifold must be divertible through a mud-gas separator and then be routed to either the shale shaker or the reserve pit through a buffer tank or manifold arrangement.
8. If the choke manifold is remote from the wellhead, a third master valve should be installed immediately upstream of the manifold cross.



#### D. TYPE "B" KILL LINE — CLASS III, IV, AND V WELLS

The type B kill line described below in Figure 11J.11 is the minimum recommended hookup for installation on all Class III, Class IV and Class V wells. Specific design features of the type B kill line include:

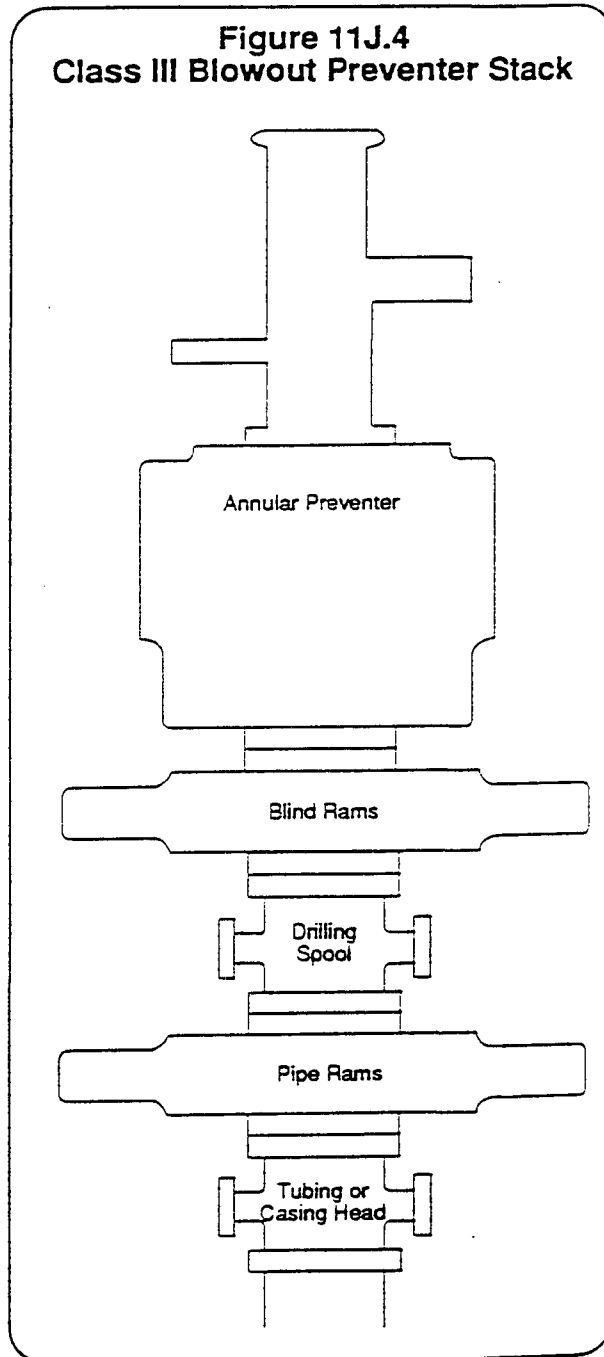
1. The preferred kill line connection to the well is at the drilling spool, however, a preventer side outlet may be used when space restrictions exclude the use of a drilling spool. In all cases, the kill line must be installed below the uppermost blind rams so the well can be pumped into with no pipe in the hole.
2. The arrangement includes two - 2" (nominal) gate valves installed at the drilling spool and an upstream fluid cross. The outside valve may be hydraulically remote controlled.
3. Two pump-in lines should be attached to the fluid cross. The **primary kill line** should be routed to the rig standpipe where it can be manifolded to the rig pumps. The **remote kill line** should be run to a safe location away from the rig or to the rig cementing unit. The remote kill line should have a loose end connection for rigging-up a high pressure pumping unit.
4. Both the primary kill line and the remote kill line must include a 2" check valve which is in working condition while drilling. If a check valve is crippled for testing purposes, the flapper or ball must be re-installed and tested before drilling resumes.
5. The primary kill line must include a pressure gauge which can display the pump-in pressure on the rig floor.
6. Any lines which are installed at the wellhead are designated as "**emergency kill lines**" and should only be used if the primary and remote kill lines are inoperable.



E. CLASS III BLOWOUT PREVENTER STACK:

The Class III preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a blind ram preventer, a drilling spool, and a single pipe ram preventer on bottom. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". All side outlets on the preventers or drilling spool must be flanged, studded, or clamped. An emergency kill line may be installed on the wellhead. A double ram preventer should only be used when space limitations make it necessary to remove the drilling spool. In these instances, the choke manifold should be connected to a flanged outlet between the preventer rams only. In this hookup, the pipe rams are considered master rams only, and cannot be used to routinely circulate out a kick. The Class III blowout preventer stack is shown to the right in Figure 11J.4.

**Figure 11J.4**  
**Class III Blowout Preventer Stack**



**CHEVRON USA PRODUCTION CO.**

**Stagecoach 12-23 WG  
2123' FSL & 645' FEL  
NESE-S23-T8S-R21E, SLB&M  
UINTAH COUNTY, UTAH**

**THIRTEEN POINT SURFACE USE PLAN**

**1. EXISTING ROADS:**

- A. See Topographic Map A. There are no plans to change, alter or improve upon any existing state or county road.
- B. See Topographic Map A & B. Proposed access road begins approximately 37.3 miles from Vernal, UT.

**2. ACCESS ROADS TO BE CONSTRUCTED OR RECONSTRUCTED:**

- A. See Topographic Maps A and B. An access road approximately 0.3 mile in length is proposed.

**3. LOCATION OF EXISTING WELLS WITHIN ONE MILE:**

- A. See Topographic Map C. The proposed well will be drilled on the original well pad of Stagecoach 12-23, fifty feet from the original wellbore.

**4. LOCATION OF EXISTING OR PROPOSED FACILITIES IF WELL IS PRODUCTIVE:**

- A. See Topographic Map B.
- B. A gas dehydration unit and storage tank will be installed on the existing location.
- C. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by the BIA.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Wonsits Valley Federal Unit water supply wells 1965 Application #36125.
- B. Water well in Ouray operated by A-1 Tank and Brine, Permit #43-8496.
- C. City water from Ouray provided by Ouray Brine's facility in Ouray. No permit.

## Stagecoach 12-23 WG THIRTEEN POINT SURFACE USE PLAN

### 6. CONSTRUCTION MATERIALS:

- A. Native dirt and gravel will be used as construction materials.

### 7. METHODS FOR HANDLING WASTE DISPOSAL:

- A. A lined reserve pit will be constructed to contain excess drilling fluids.
- B. Excess reserve pit fluid will be disposed of via evaporation, percolation at pit abandonment or haul-off to a commercial disposal facility.
- C. Drill cuttings will be caught and settled in the reserve pit and buried when the pit is backfilled.
- D. Commercial service will provide portable toilets and haul-off to a commercial disposal facility.
- E. Trash will be stored in trash containers and hauled to commercial or municipal facility for disposal.
- F. It is not anticipated that any salt or chemicals will need to be disposed of. If required, disposal will be by commercial disposal facility.
- G. In the event fluids are produced, any oil will be transferred to existing facilities within Wonsits Valley Unit and sold. Any water will be transferred to Red Wash Unit disposal facilities.
- H. Hazardous chemicals 10,000lb. of which will most likely be used, produced, stored, transported or disposed of in association with the proposed action of drilling, completing and producing this well: We anticipate that none of the hazardous chemicals in quantities of 10,000 lb. or more will be associated with these operations.
- I. Extremely hazardous substances threshold quantities of which will be used, produced, stored, transported or disposed of in association with the proposed action of drilling, completing and producing this well: We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

### 8. ANCILLARY FACILITIES:

- A. None.

## **Stagecoach 12-23 WG - THIRTEEN POINT SURFACE USE PLAN**

### **9. WELLSITE LAYOUT:**

- A. See Figures 1 and 2.
- B. Burn pit will not be lined.
- C. Access to the well pad will be as shown on Topographic Map B.

### **10. PLAN FOR RESTORATION OF SURFACE:**

- A. All surface areas not required for production operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.
- B. The topsoil will be evenly distributed over the disturbed areas. Reseeding will be performed as directed by the BIA.
- C. Pits that would present a hazard to wildlife or livestock will be backfilled when the rig is released and removed.
- D. Completion of the well is planned during 1998. Rehabilitation will commence following completion of the well. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as soon as possible.

### **11. SURFACE OWNERSHIP:**

- A. The wellsite, access roads and production facilities are constructed on Ute tribal lands.

### **12. OTHER INFORMATION:**

- A. Surface use activities other than the oil and gas well facilities consist of grazing.
- B. There are no occupied dwellings near the wellsite.
- C. Archeological clearance has been recommended per Senco-Phenix Report SPUT-213, dated 2/6/98.

## Stagecoach 12-23 WG - THIRTEEN POINT SURFACE USE PLAN

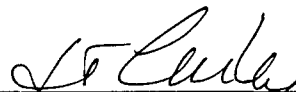
### 13. COMPANY REPRESENTATIVE:

Mr. J. T. Conley  
11002 East 17500 South  
Vernal, UT 84078  
(435) 781-4301

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron USA Production Co., Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

2-12-98

Date



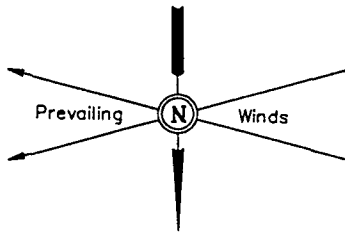
J. T. Conley  
Red Wash Asset Team Leader

# CHEVRON USA., INC.

FIGURE #1

## LOCATION LAYOUT FOR

STAGECOACH #12-23 WG  
SECTION 23, T8S, R21E, S.L.B.&M.  
2123' FSL 645' FEL



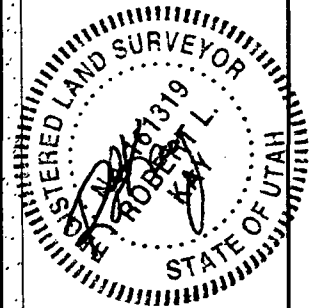
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DATE: 01-26-98  
Drawn By: D.R.B.

F-2.0'  
El. 42.6'

F-2.7'  
El. 41.9'

El. 41.0'  
F-3.6'

Sta. 3+45



APPROX.  
TOP OF  
CUT SLOPE

Sta. 1+70

El. 40.4'  
F-4.2'

El. 45.7'  
C-1.1'

Sta. 0+00

Proposed Access  
Road

### NOTE:

FLARE PIT IS TO BE  
LOCATED A MINIMUM  
OF 100' FROM THE  
WELL HEAD.

PIT CAPACITY  
WITH 2' OF  
FREEBOARD  
= 6,200 Bbls.

El. 45.9'  
C-9.3'  
(Btm. Pit)

El. 44.9'  
C-0.3'

WELL HEAD  
C-0.1'

El. 44.7'  
DOG HOUSE

Sta. 0+50

STORAGE  
TANK

APPROX.  
TOE OF  
FILL SLOPE

El. 48.1'  
C-11.5'  
(Btm. Pit)

C-2.8'  
El. 47.4'

C-4.0'  
El. 48.6'

Elev. Ungraded Ground at Location Stake = 4844.7'

Elev. Graded Ground at Location Stake = 4844.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

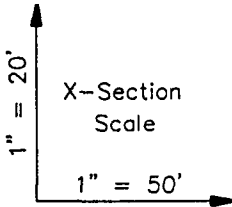


# CHEVRON USA., INC.

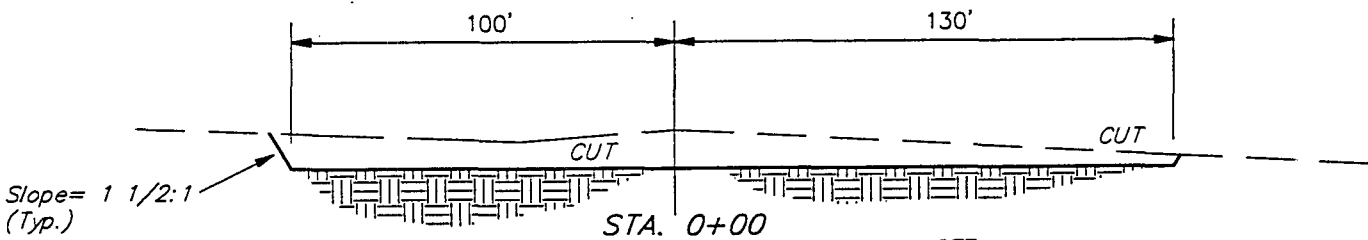
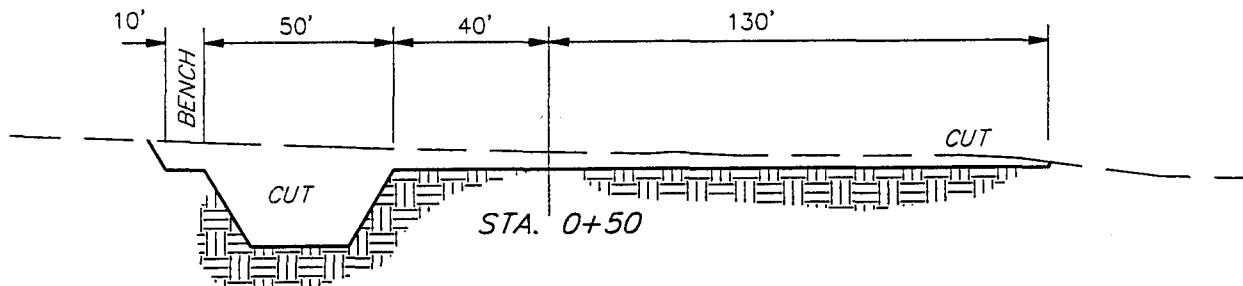
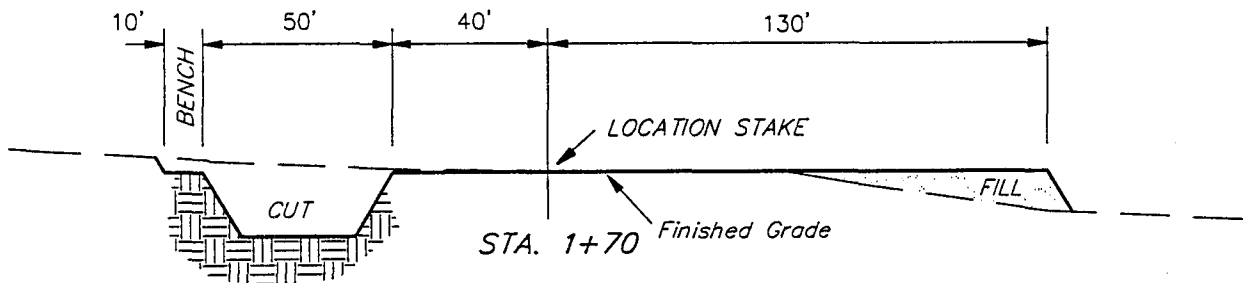
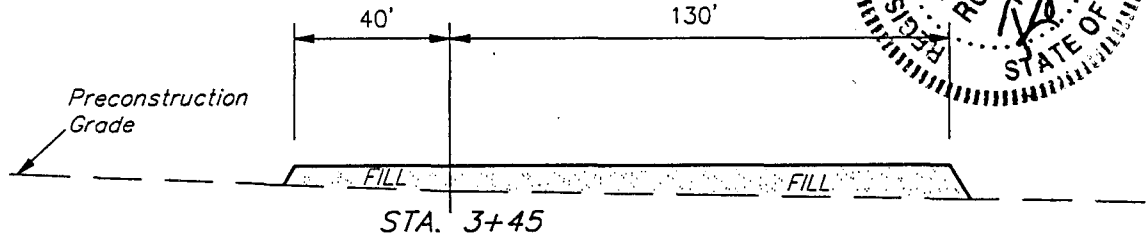
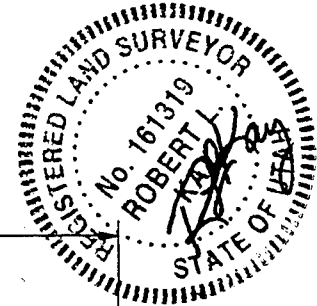
## TYPICAL CROSS SECTIONS FOR

STAGECOACH #12-23 WG  
SECTION 23, T8S, R21E, S.L.B.&M.  
2123' FSL 645' FEL

FIGURE #2



DATE: 01-26-98  
Drawn By: D.R.B.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

#### CUT

(NO) Topsoil Stripping = 0 Cu. Yds.  
Remaining Location = 3,970 Cu. Yds.

TOTAL CUT = 3,970 CU.YDS.

FILL = 2,210 CU.YDS.

#### EXCESS MATERIAL AFTER

5% COMPACTION = 1,640 Cu. Yds.

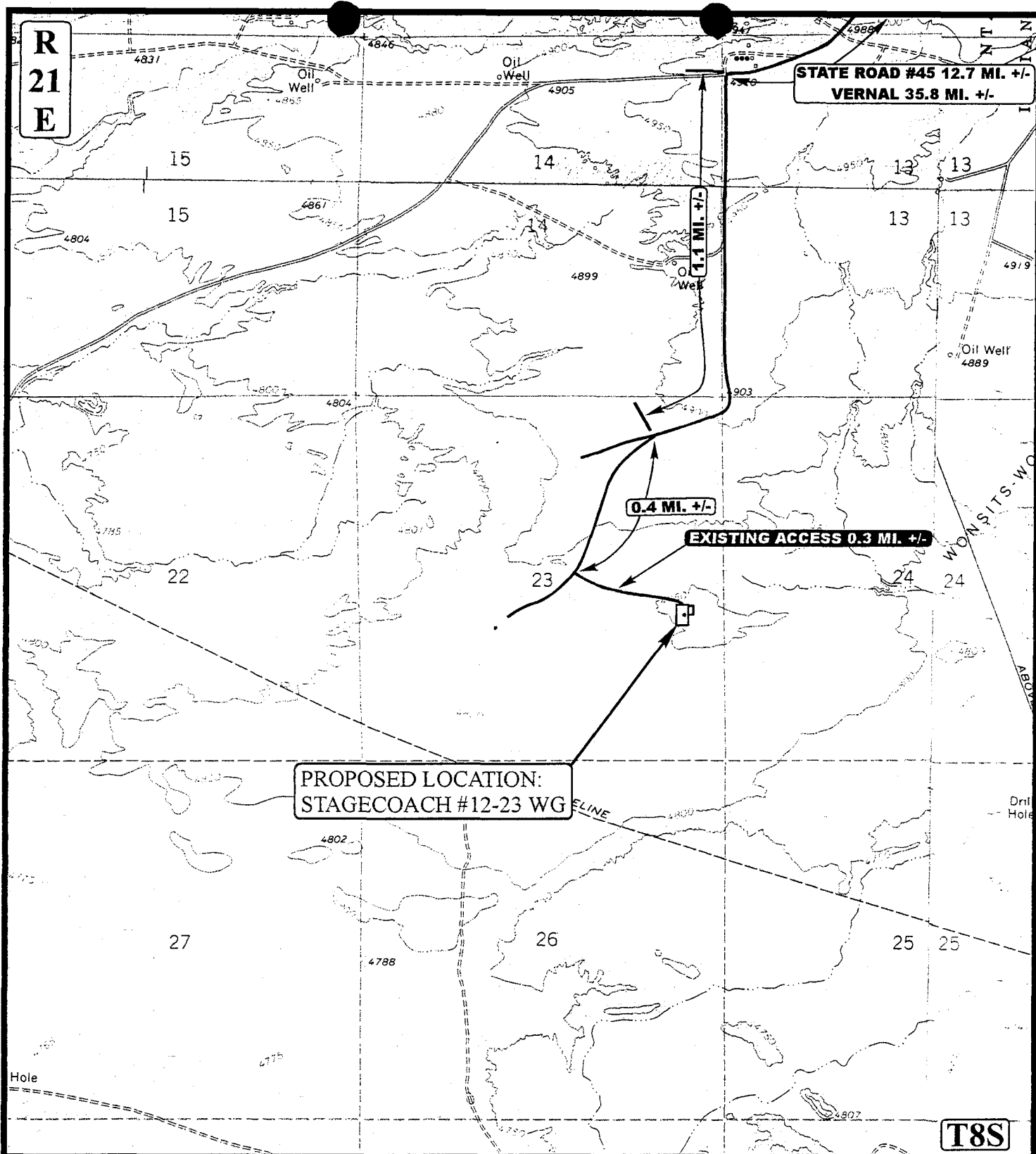
Topsoil & Pit Backfill (1/2 Pit Vol.) = 950 Cu. Yds.

EXCESS CUT MATERIAL = 690 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017





# **LEGEND:**

————— EXISTING ACCESS ROAD  
 ————— EXISTING ROAD



**CHEVRON U.S.A., INC.**

**STAGECOACH #12-23 WG**  
**SECTION 23, T8S, R21E, S.L.B.&M.**  
**2123' FSL 645' FEL**



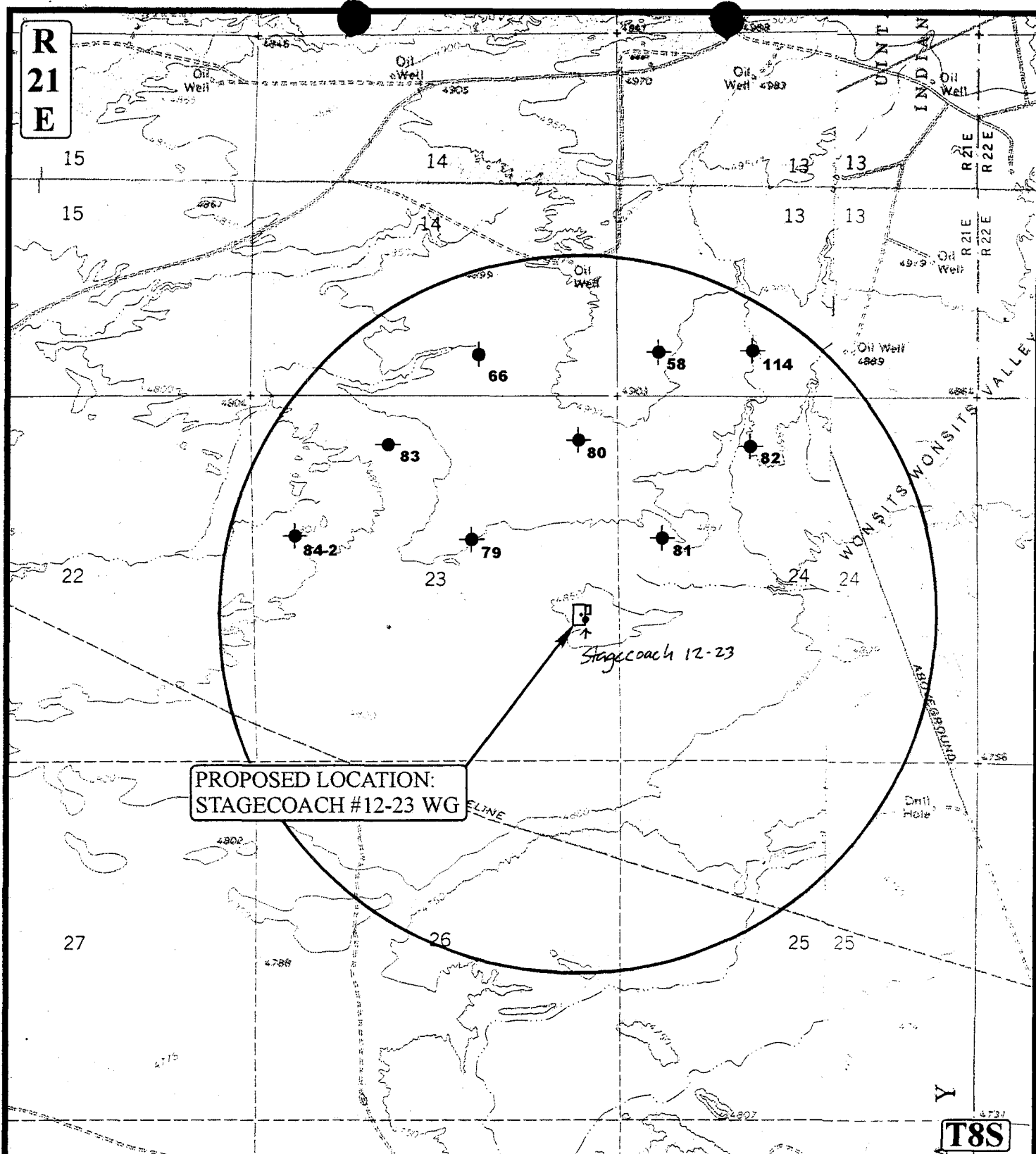
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**1 25 98**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

**B**  
**TOPO**



PROPOSED LOCATION:  
STAGECOACH #12-23 WG

# LEGEND:

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



CHEVRON U.S.A., INC.

STAGECOACH #12-23 WG  
SECTION 23, T8S, R21E, S.L.B.&M.  
2123' FSL 645' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

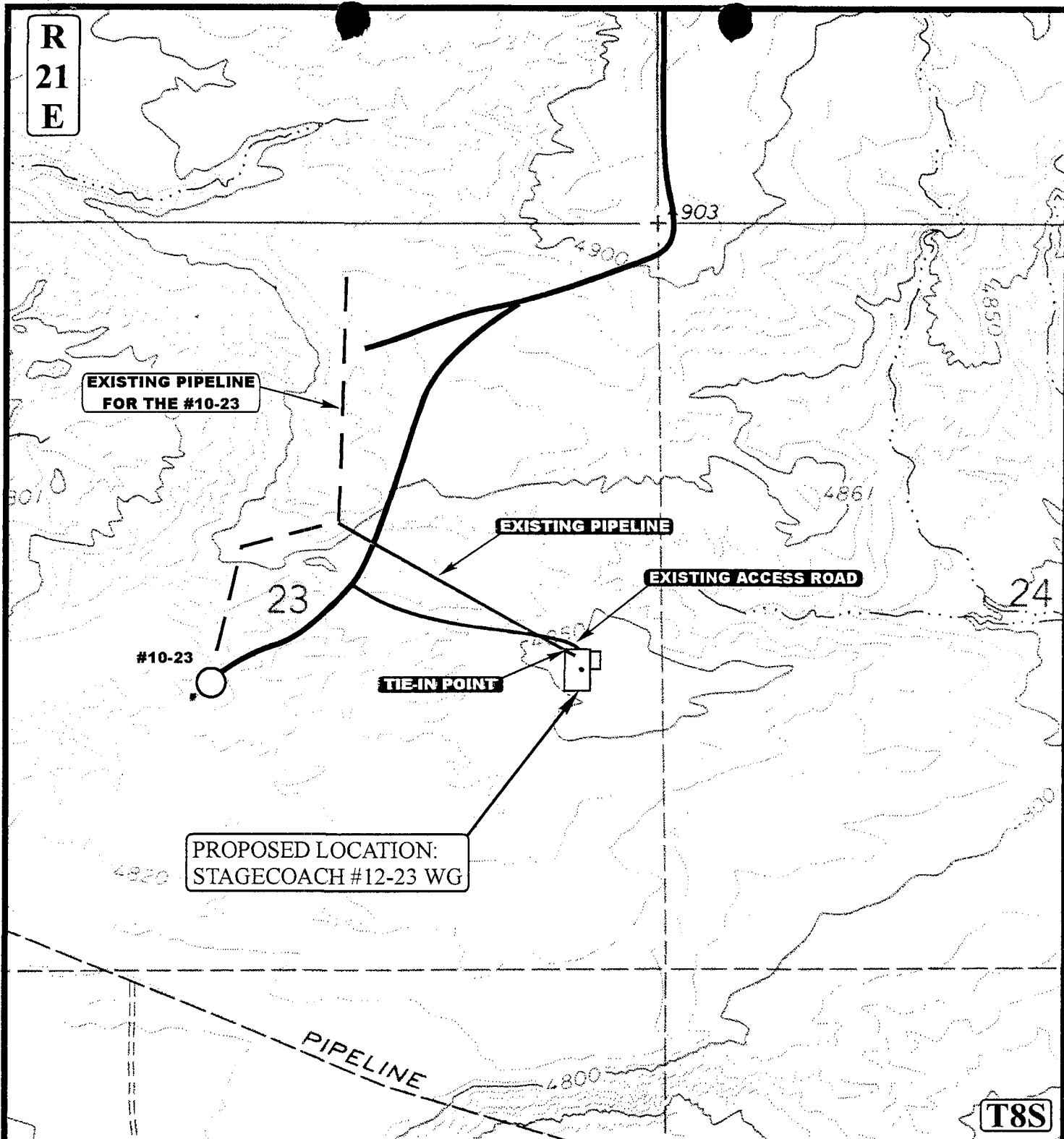
TOPOGRAPHIC  
MAP

1 25 98  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00



R  
21  
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 1780' +/-

**LEGEND:**

- EXISTING PIPELINE
- EXISTING PIPELINE
- EXISTING ACCESS



**CHEVRON U.S.A., INC.**

**STAGECOACH #12-23 WG**  
**SECTION 23, T8S, R21E, S.L.B.&M.**  
**2123' FSL 645' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**1 25 98**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00

**D**  
**TOPO**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/17/98

API NO. ASSIGNED: 43-047-33073

WELL NAME: Stagcoach  
12-23W4  
OPERATOR: CHEVRON USA (N0210)

PROPOSED LOCATION:

NESE 23 - T08S - R21E  
SURFACE: 2123-FSL-0645-FEL  
BOTTOM: 2123-FSL-0645-FEL  
UINTAH COUNTY  
WONSITS VALLEY FIELD (710)

LEASE TYPE: FED

LEASE NUMBER: U - 025963

PROPOSED PRODUCING FORMATION: WSTC

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
-------------	----------	------

Engineering		
-------------	--	--

Geology		
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Surface		
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RECEIVED AND/OR REVIEWED:

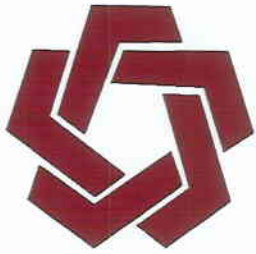
☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(Number 43-05-81-34)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number 43-8496)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
\_\_\_ R649-3-3. Exception.  
\_\_\_ Drilling Unit.  
Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

STIPULATIONS: ① FEDERAL APPROVAL



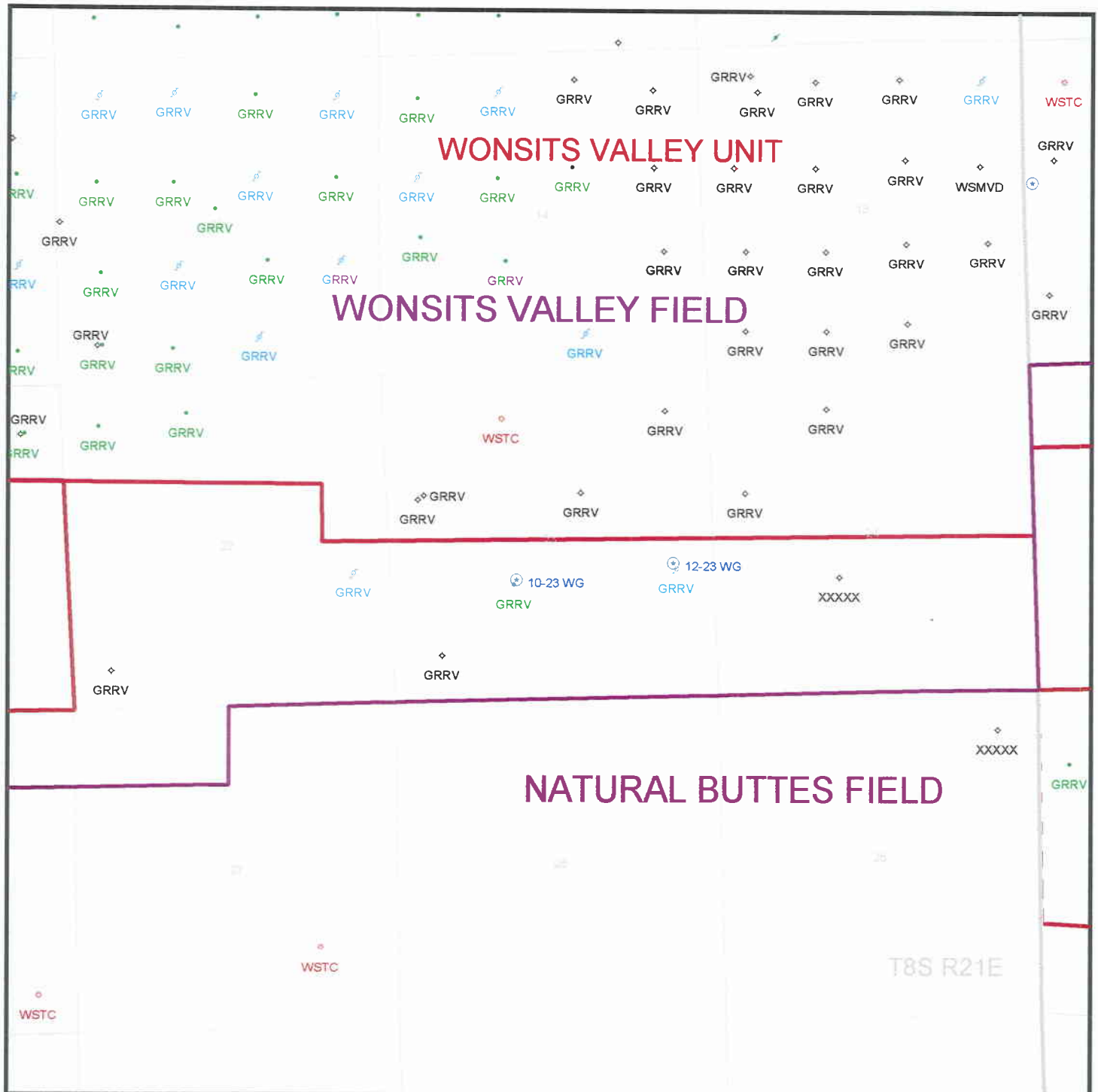
DIVISION OF OIL, GAS & MINING

OPERATOR: CHEVRON USA PRODUCTION (N0210)

FIELD: WONSITS VALLEY (710)

SEC. 23 TWP. 8S, RNG. 21E,

COUNTY: UINTAH UAC: R649-2-3 WONSITS VALLEY UNIT



DATE PREPARED:  
18-FEB-1998



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

May 4, 1998

Chevron USA Production Company  
11002 East 17500 South  
Vernal, Utah 84078-8526

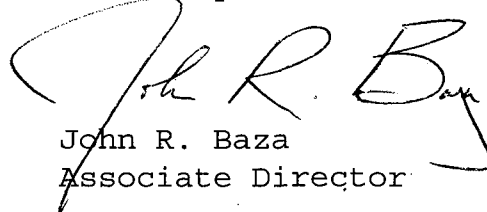
Re: Stagecoach 12-23 WG Well, 2123' FSL, 645' FEL, NE SE,  
Sec. 23, T. 8 S., R. 21 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33073.

Sincerely,



John R. Baza  
Associate Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office



Operator: Chevron USA Production Company  
Well Name & Number: Stagecoach 12-23 WG  
API Number: 43-047-33073  
Lease: U-025963  
Location: NE SE Sec. 23 T. 8 S. R. 21 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801) 538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.

Division of Oil, Gas and Mining

# PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File STAGECOACH 12-23WG  
STAGECOACH 10-23WG  
(Loc.) Sec 23 Twp 8S Rng 21E  
(API No.) 43-047-33073  
43-047-33074

☐ Suspense

(Return Date) \_\_\_\_\_

(To-Initials) \_\_\_\_\_

☐ Other

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1. Date of Phone Call: 8-26-99 Time: 3:00

2. DOGM Employee (name) LCORDOVA ( ☒ Initiated Call)

Talked to:

Name MARGIE HERMANN ( ☐ Initiated Call) - Phone No. (435) 781-4492

of (Company/Organization) BLM/VERNAL

3. Topic of Conversation: STATUS OF APD'S / LA'D?

4. Highlights of Conversation: \_\_\_\_\_

THE BLM NEVER APPROVED THESE (2) WELLS.

DOGM APPROVED BOTH WELLS 5-4-98, BOTH EXPIRED 5-4-99. (1YR APRVL)

LA BOTH WELLS!



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 27, 1999

J.T. Conley  
Chevron USA Production Co., Inc.  
11002 East 17500 South  
Vernal, Utah 84078-8526

Re: APD Rescinded --Stagecoach 12-23 WG Well, Sec. 23, T. 8S, R. 21E, Uintah County, Utah,  
API No. 43-047-33073

Dear Mr. Conley:

The Application for Permit to Drill for the subject well was approved by the Division of Oil, Gas and Mining on May 4, 1998. No drilling activity at this location has been reported to the division. Due to the excessive time delay in commencing drilling operations, approval to drill the well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley  
Information Services Manager  
Oil and Gas

cc: BLM - Vernal District  
L.E. Cordova  
Well File



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (435) 781-4400  
Fax: (435) 781-4410

IN REPLY REFER TO:

3160  
UT08300

August 31, 1999

Chevron USA Production  
11002 East 17500 South  
Vernal, Utah 84078

*85 21 E 23*  
*43-047-33074 E. 43-047-33073*

RE: Application's for Permit to Drill  
Well #'s: Stagecoach 10-23 & 12-23  
Section 23-T8S-R21E  
Lease No. U-02593

Dear Sir:

We received the above referenced Application's for Permit to Drill (APD's) February 12, 1998.  
We have never received any BIA Concurrences.

We are returning your APD's unapproved. If you have any questions, please contact me or  
Ed Forsman at (435) 781-4400.

Sincerely,

*Pat Sutton*

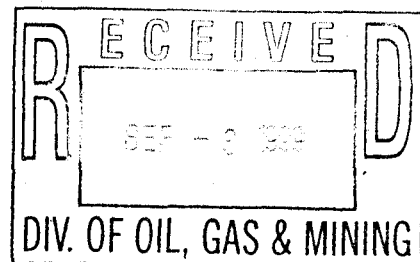
Pat Sutton  
Legal Instruments Examiner

.Enclosures

cc: Well File  
Reading File  
Division of Oil-Gas-Mining

PSutton

*Already LA'd in computer  
elf 8/27/99*





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (435) 781-4400  
Fax: (435) 781-4410

IN REPLY REFER TO:

3160  
UT08300

August 31, 1999

Chevron USA Production  
11002 East 17500 South  
Vernal, Utah 84078

85 21 E 23  
43-047-33074 E. 43-047-33073

RE: Application's for Permit to Drill  
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*Pat Sutton*

Pat Sutton  
Legal Instruments Examiner

.Enclosures

cc: Well File  
Reading File  
Division of Oil-Gas-Mining

Already LA'd in computer  
elf 8/27/99

PSutton

